

Estimate of Renewable Generating Plants in Maine
Includes Efficient Cogeneration and Excludes Facilities of Greater than 100 MW
as defined in 35-A MRSA § 3210

Presented by the Maine Public Utilities Commission
For Consideration with LD 1131

*Note: Utility Contracts are paid a contract-determined rate until the contract expires,
regardless of market prices and regardless of whether the facilities operate*

Facility Name	Contract End Year	Facility Type	Size (MW)	
Bangor Hydro Electric Company				
Utility-owned/divested (Owned by PPL)				
Ellsworth		Hydro	8.9	
Howland		Hydro	1.9	
Medway		Hydro	3.4	
Milford		Hydro	6.4	
Orono		Hydro	0.0	
Stillwater		Hydro	2.0	
Veazie		Hydro	8.4	
West Enfield	2024	Hydro	13.0	
Utility contracts				
Pumpkin Hill	2017	Hydro	0.9	
Milo Hydro	2014	Hydro	0.7	
Green Lake	2024	Hydro	0.4	
Sebec Hydro	2025	Hydro	0.9	
PERC	2018	Waste-to-energy	21.9	
Other				
Jonesboro (Indeck)		Biomass	24.5	
West Enfield (Indeck)		Biomass	24.5	
Down East Peat		Peat/(Biomass?)	22.8	Total BHE:
				140.5
AED (status unknown)		Biomass		
GNP		?	?	
Central Maine Power Company				
Utility-owned/divested (Owned by FPL)				
Harris		Hydro	88.0	
Wyman		Hydro	81.0	
Williams		Hydro	15.0	
Weston		Hydro	13.0	
Shawmut		Hydro	10.0	
Lockwood		Hydro	4.0	

Oakland	Hydro	3.0
Rice Rips	Hydro	2.0
Union Gas	Hydro	2.0
Fort Halifax	Hydro	2.0
Gulf Island	Hydro	23.0
Deer Rips	Hydro	7.0
A-3	Hydro	4.0
Monty	Hydro	28.0
Brunswick	Hydro	20.0
Bates Upper	Hydro	3.0
Hill Mill	Hydro	2.0
Lower Androscoggin	Hydro	0.0
Bates Lower	Hydro	0.0
Continental	Hydro	1.0
Hiram	Hydro	12.0
Bonny Eagle	Hydro	10.0
West Buxton	Hydro	7.0
Bar Mills	Hydro	4.0
Skelton	Hydro	20.0
Cataract	Hydro	8.0
NKL	Hydro	1.0
North Gorham	Hydro	2.0
Upper Kezar Falls	Hydro	0.0
Lower Kezar Falls	Hydro	1.0
Ledgemere	Hydro	0.0

Utility contracts

City of Lewiston	1998	Hydro	1.7
Kinney Wind	1998	Wind	0.0
Olender Wind	1999	Wind	0.0
Hale, Elmer	1999	Wind	0.0
I.P. Riley	1999	Hydro	7.8
I.P. Otis	1999	Hydro	10.0
Wight Brook Hydro	1999	Hydro	0.0
Stony Brook Hydro	1999	Hydro	0.0
Foss Mill	1999	Hydro	0.0
Marsh Stream	1999	Hydro	0.1
Lord, William	1999	Solar	0.0
Whispering Valley	2000	Hydro	0.1
Abbotts Mills	2000	Hydro	0.1
Leeman, David	2000	Diesel (cogen?)	0.0
Rocky Gorge	2000	Hydro	0.6
North New Portland	2000	Hydro	0.1
Starks Hydro	2000	Hydro	0.1
Christopher Sheep Farm	2001	Wind	0.0
Cape Porpoise	2001	Wind	0.0
Gardner Brook	2002	Hydro	0.1
Upper Spears Hydro	2002	Hydro	0.1

West Rockport Wind Pwr	2002	Wind	0.0
Goose River #1	2002	Hydro	0.1
Goose River #3	2002	Hydro	0.1
Lockwood (Merimil)	2004	Hydro	6.6
Lavalley Lumber	2004	Biomass, cogen	1.3
Welliver, Neil	2004	Wind	0.0
Bothel, Stephen	2004	Wind	0.0
Heald, Donald	2004	Wind	0.0
Nomani, Louise	2004	Wind	0.0
Miller Hydro	2005	Hydro	9.8
Rumford Cogeneration	2005	Biomass/Coal, coge	75.0
Theriault, Richard	2006	Diesel (cogen?)	0.0
Greenville Steam	2007	Biomass	13.8
Barker Mill Upper Hydro	2007	Hydro	1.0
Seabright Hydro	2007	Hydro	0.1
Benton Falls Hydro	2007	Hydro	3.2
Gorbell	2007	Biomass	13.8
Aziscohos Hydro	2008	Hydro	5.5
Champion Paper	2008	Biomass, cogen	32.7
Regional Waste Systems	2008	Waste-to-energy	13.0
Barker Mill Lower Hydro	2008	Hydro	1.4
Gardiner Hydro	2008	Hydro	1.2
Brown's Mills Hydro	2008	Hydro	0.7
Damariscotta Hydro	2008	Hydro	0.5
Eustis Hydro	2008	Hydro	0.2
South Berwick Hydro	2008	Hydro	0.6
Greenville Hydro	2008	Hydro	0.6
Pittsfield Hydro	2008	Hydro	1.0
York Hydro	2008	Hydro	1.0
Mechanic Falls Hydro	2008	Hydro	1.1
Norway Hydro	2008	Hydro	0.3
Pioneer Dam	2008	Hydro	0.2
United American Energy	2009	Hydro	17.2
Brassua Hydro	2009	Hydro	3.4
Stratton Energy Associates	2009	Biomass	39.8
Sevey Hydro	2011	Hydro	0.0
Bisco Falls Hydro	2011	Hydro	0.1
Pejebscot Hydro	2011	Hydro	13.8
S.D. Warren Somerset	2012	Biomass, cogen	87.0
Maine Energy (MERC)	2012	Waste-to-energy	19.5
MMWAC	2013	Waste-to-energy	2.1
Hacket Mills Hydro	2015	Hydro	0.5
Northeast Beaver #7	2016	Biomass	34.0
Northeast Beaver #1	2016	Biomass	31.0
Kennebago Hydro	2023	Hydro	0.7
Madison Paper	2000	Hydro	17.4
Robbins Lumber	2000	Biomass, cogen	1.2

Waverly Ave Hydro	2008	Hydro	0.4	
Dirigo Dowels	open-ended	Biomass, cogen	0.3	
Forster Mfg.	open-ended	Biomass	1.3	
Goose River #2	open-ended	Hydro	0.2	
IP (Excess/Old)	open-ended	Hydro	20.0	
Kennebec Water District	open-ended	Hydro	0.8	
Marsh Power Project	open-ended	Hydro	0.4	
Moosehead Energy	open-ended	Hydro	0.2	
Rumford Falls Hydro	open-ended	Hydro	39.0	Total CMP:
Sparhawk Mill Hydro	open-ended	Hydro	0.3	908.6
Maine Public Service Company				
Utility-owned/divested (Owned by WPS-ESI)				
Squa Pan Hydro		Hydro	1.4	
Caribou Hydro		Hydro	0.9	
Tinker Hydro		Hydro	33.5	
Utility contracts				
Wheelabrator-Sherman	2006	Biomass, cogen	18.1	
Beaver Ashland	2000	Biomass	34.0	
Other				
Bridgewater AHO		Wind	0.0	
Caribou Brown		Wind	0.0	
Ft Fairfield Beckwith		Wind	0.0	
Ft Kent Plourde		Wind	0.0	
Loring AFB ?		Coal, cogen?	4.0	
Oakfield Cyr		Wind	0.0	
Presque Isle Nursing		LGAS, cogen?	0.6	
Sinclair Fournier		Wind	0.0	
AVEC		Biomass	31.0	Total MPS: 123.6

